



COLORADO SPRINGS,
COLORADO

NOVEMBER 1991

INSIDE:

CLUB MEMBERSHIP ROSTER

PIKES PEAK RADIO AMATEUR ASSOCIATION, INC.

P.O. Box 16521

Colorado Springs, CO 80935

MB Renew before 06/30/92
RON DEUTSCH
NKØP
4305 RIDGE LANE DR.
COLD. SPGS., CO 80918

FIRST CLASS MAIL



Ø BEAT



P.P.R.A.A. DIRECTORS

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| SECRETARY | * Al Vrooman N0CMW 1341 Diana Lane 80909 | 473-1660 |
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| Board Member | * Steve Westby WB7VHR 1540 Keith Dr. 80916 | 570-1070 |
| Board Member | Ron Deutsch NK0P 4305 Ridgelane Dr. 80918 | 593-8352 |

* Denotes first year of a two year term.

ZERO BEAT is published monthly in the interest of the members of the Pikes Peak Radio Amateur Association, Inc., P.O. Box 16521, Colorado Springs, Colorado 80935. For membership and subscription information see last page of this publication. The Pikes Peak Radio Amateur Association meets on the second Wednesday of each month at the Elk's Lodge, 3400 North Nevada Ave. at 7 p.m.

EDITOR: Ron Deutsch NK0P 4305 Ridgelane Drive, Colorado Springs, Colorado 80918 (719) 593-8352.

Deadline for submission of articles or ads is the 21st of each month. Submissions may be sent to the editor or to the club mail box. Permission to reprint articles is granted provided credit is given to both the author and this publication.

ADVERTISING RATES: Full page \$48; half page \$24, quarter page \$12, business card size \$6. These are monthly rates and are billed quarterly. Send your ad requests and payments to: P.O. Box 16521, Colorado Springs, CO 80935.

PPRAA CHRISTMAS PARTY

THE 1991 PPRAA CHRISTMAS PARTY
WILL BE HELD ON DECEMBER 11TH
(REGULAR CLUB MEETING NIGHT) AT
THE ELK'S LODGE 3400 NORTH NEVADA
AVE.

FOR TICKET INFORMATION CONTACT:

RENAY BOYES 591-6438
OR ANY CLUB OFFICER OR BOARD
MEMBER.
ARRANGEMENTS MUST BE MADE FOR
PAYMENT IN ADVANCE.

REMINDER

LOCAL HAMS GET TOGETHER EACH
SATURDAY MORNING FOR BREAKFAST
AND FELLOWSHIP AT THE VILLAGE INN
AT PALMER PARK AND ACADEMY BLVD.
COME MEET INFORMALLY WITH HAMS
FROM THE SURROUNDING AREA.
(0600 TO 0900)

NOTICE

THE PUBLISHING DEADLINE FOR THE
DECEMBER ISSUE OF Ø-BEAT IS:

NOVEMBER 21ST

GENERAL MEETING

OCTOBER 9, 1991

Meeting called to order by Pres. Dave NOION at 1900 by everyone introducing themselves.

Minutes approved with one correction radio appreciation day was at the Citadel vice Chapel Hills.

Treasurers report approved income \$262.83 expenses \$336.23 balance \$1479.94 raffle fund \$191.48

Committee reports were as follows:

0-Beat none.

Publicity Al please save info that appears in Gazette for him.

Interference none.

Skywarn none.

ARES John NOKIC and Mike KOTER spoke on upcoming SET Oct 19.

Races Doug WB0MHP said that Races would take part in SET.

Bob EXALTED RULER OF ELKS was introduced and presented a check of a \$100.00 for their scholarship fund. He also explained that non members cannot buy anything from bar, they have been told to enforce an existing rule contact him or any member and they will buy it for you.

CCARC Oak K0ROL we will host the March meeting Sat. March 28 at Chapel Hills Mall from 1:00 pm till done about 4pm.

EDUCATION Al AD0Z class going well about 30 students.

VE TESTING Chris NX0E next testing will be at training classes Oct 17 Then 2nd Sat. in Dec. at Chapman College.

LES KC0NC was recognized as membership committee chairman and for his years of dedication to it.

CHRISTMAS PARTY Renay KA0ROY party will be at Elks Club on our regular meeting night Dec 11 socialize at 6pm details will be in Nov. 0-BEAT.

HAMMY AWARD was presented to Dave NOION by Al N2IWZ.

Special Orders by-law amendments discussed and clarified and was approved unanimously.

ELECTIONS

NOMINATIONS

PRES: HARV WB6YXD no further nominations elected by acclamation.

VICE PRES: JEFF N0JLH and LUCI N00UD by vote LUCI N00UD elected.

SECRETARY: MARK N0EPF and AL N0CMW, by vote AL N0CMW elected.

TREASURER: ROSIE WA0MNL no further nominations by acclamation Rosie elected.

BOARD MEMBER: WILL N0HRD, FRANK N0IEM, STEVE N0MHQ, RENAY KA0ROY, RICK KD0SU, MATT KC4KGS, STEVE WB7VHR.

Needed only one Board member STEVE WB7VHR was elected.

OLD BUSINESS:

Ron NK0P Shirt shop has extended till Oct 31 special pricing jacket \$ 17.00 \$15 for 12 jackets, lined \$ 21.00 \$19 for 12, shirts \$6.00 Hats \$4.25 Their address 305 B Juanita behind Dunkin Donuts at Circle and Bijou.

Mike KOTER declared official club equipment custodian he will contact people who he had registered as custodian and for others who may have same that he does not know of please let him know what u have.

NEW BUSINESS:

The club will look into sending the name of RICK KD0SU as an HF awards card checker.

Next board meeting at QTH of Jeff N0JLH.

Rules on presentation of proposals to board outlined, please renew ARRL membership thru club as club gets to keep \$2.00. Cars and share needs volunteers call Sam Rhinestone at 528-1247 Oak K0ROL announced the formation of ATV GROUP HAM VISION NETWORK they need hams to get involved.

A updated club roster should appear in Nov 0-BEAT.

Short break and monthly raffle held Ken N0NKP freq chart, Oak K0ROL vise grips, Stephanie KB0EZG cutters, Joe KQ0S repeater dir. Steve N0MHQ clock, Connie KA0PXE computer disks, George WB0DUM elect outlet, Doug WB0MHP vise grips. The program was bypassed meeting adjourned at 20:45.

submitted by Mark N0EPF and Al N0CMW

BOARD MEETING OCT 15, 1991

Meeting called to order by Pres Harv WB6YXD, those present Rosie WA0MNL, Jef N0JLH, Steve WB7VHR, Rus KB0FNM, Renay KB0ROY, Luci N00UD, Ron NK0P, Al N0CMW.

Luci will look into the Christmas party raffle prize possible one of the new Radio Shack 2mtr HT.

\$100.00 was given to Sky-Warn committee to be accounted for at end of fiscal year, that is each Oct.

Rosie was authorized to destroy the election ballots, revised by laws were passed out to be approved at next gen meeting Treasurers books will be audited prior or at just before next board meeting.

Board meeting in Nov. to be at Rosie WA0MNL QTH.

Treasurer was authorized to pay bills originated by education chairman for the classes, and also to publicity chairman for radio appreciation day.

It was voted to give the church scholarship fund \$100.00 for all their help with training classes, various other aspects of what do to for the next year were discussed, meeting adjourned at 20:45.

Al N0CMW, Secretary

"THE VIEW FROM THE PEAK"

by George Hinds, N8CIX/0

When the opportunity presents itself to view and photograph steam, diesel and even model railroads, attend a big hamfest, dinner and club meeting, and to also visit family and friends while doing so, that's enough to get me up and moving over the road. So it was that we departed our home in the Rockies in mid-September for Iowa, Michigan and Ohio and points in between and either side thereof.

Once again I quickly learned if you'll just pick up the mic and enter a conversation with a stranger, you'll likely make a new friend or two... For example, here's how it went on the first leg of this trip.

After passing Denver and turning northeasterly on I-76, I checked in to the Ft. Morgan, CO 147.24 repeater on the high plains; on my last two trips through, it had been off the air. Not so this time; NOIRS came back to my call. Linn is a teacher at a local high school. He tries to inspire interest by the students in amateur radio; his class in photography this day was listening, via his walkie-talkie, to our conversation.

Since photography is an old interest of mine, I told him of my putting in a number of years as a volunteer doing police photography for several departments in southeastern Michigan. This opened the door for the students and the instructor, for questions then came at me thick and fast to recount my experiences.

Soon, N9LHC checked in, commenting that he was the full-time photographic evidence technician for the McComb, Illinois Sheriff's Department. He was enroute to attend a meeting on the law and photography at Ft. Collins, Colorado. He is also instructor on law enforcement photography at Western Illinois University. From that point on, we three had a most interesting discussion while the class listened. Only the fact that we eventually ran out of repeater range cut short the contact.

If you're like me, you probably aren't thrilled to get engaged in a QSO that is so lightweight that it involves only comments such as "What antenna are you using" and "I'm running a new 25w Thingamabob dual-bander." If you want to upgrade the level of your contacts, try asking the new voice on the repeater what he or she does for a living, what other hobbies they enjoy, what is their particular interest in amateur radio besides mobile operation, etc? You can thus control the content of the discussion. You may even draw others into it with a like interest. One thing is certain: you and the other person(s) will be more likely to enjoy each other's company on the air. And so will the listeners to the repeater...

As I said earlier, the best part of a trip back east is meeting old friends. This time was no exception. At the Lake Erie ARA meeting (my Ohio repeater club with 450+ members), at the Cleveland Hamfest banquet and the big Cleveland hamfest the following day, it was a time of renewing friendships with so many folks. If there is a problem with this, it's only because you miss seeing some faces in the crowd and wonder later how you failed to see them when told they were there. Of course, the fact most everyone walks around a hamfest with eyes aimed downwards at the tables of goodies has something to do with it, right? Maybe that's also the cause of getting a new jacket burned at the hamfest by someone's carelessly held cigarette?

It may be true that "absence makes the heart grow fonder" but absence doesn't do a darn thing to improve one's memory for faces, names and calls. Oh, well, it was a great day, nevertheless... the many good wishes from so many folks certainly made Thelma and myself feel good -- right at home in northeastern Ohio again. But, when all is said and done, "there's no place like home" and it was good to get back here, 73, *George, N8CIX*

AMATEUR RADIO BALLOON LAUNCH

The next balloon launch by Edge of Space Sciences will be December 21st. The balloon will carry a telescope that will be used to take pictures of sun spots. This experiment is sponsored by engineering students at the University of Colorado at Boulder. Several Amateur Radio experiments will be on board too.

For more information on this launch, EOSS, or if you are interested in balloon carrying Amateur Radio contact Malcolm Benton, KE9S.

* METEOR SHOWERS *

1991 METEOR SHOWERS

by Tom, KE2M

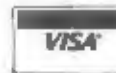
| SHOWER | DATE | UTC | RATE |
|----------------|--------|------|---------|
| Quadrantids | 04-Jan | 0300 | 60/hour |
| Lyrids | 22-Apr | 1400 | 10/hour |
| Eta Aquarids | 05-May | 1400 | 35/hour |
| Delta Aquarids | 29-Jul | 0400 | 20/hour |
| Perseids | 13-Aug | 0400 | 75/hour |
| Orionids | 22-Oct | 0700 | 25/hour |
| Taurids | 04-Nov | --- | 10/hour |
| Leonids | 18-Nov | 0300 | 75/hour |
| Geminids | 14-Dec | 1000 | 75/hour |



BOY, IF SOMEONE WOULD JUST INVENT RADIO, WOULDN'T THIS MAKE A DANDY REPEATER SITE?



COME ON IN IF YOU CAN FIND ROOM, GUYS --- I'M STRICTLY QRP HERE.



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Dean AC0S George KD0RW
Mark KB0ADF Mike NI0E

Pike Peak Radio Amateur Association Membership
(As of October 22, 1991)

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|----------------|-------------------|---------------|----------------------------|-------------|---------------|----------|
| ALLISON | TED | NOMKS | 1323 OSNEBO | COLO. SPGS. | CO 80904 | 633-1517 |
| ALVES | WALLY | WB4KZT | 5905 WILSON RD. | COLO. SPGS. | CO 80919 | 522-0761 |
| AMMONS | HENRY T. | | 14642 E. CHERRY CREEK RD. | COLO. SPGS. | CO 80118 | 688-5400 |
| ARNOLD | ALAN | | 2065 FARRINGTON ST | COLO. SPGS. | CO 80916 | 637-4713 |
| ATKINSON | PHILIP | | 5255 FARM RIDGE PL. | COLO. SPGS. | CO 80917 | 597-1561 |
| BAILEY | ALLEN | W00Z | 2715 ALTEZA LANE | COLO. SPGS. | CO 80917 | 597-8514 |
| BANKS | DAVID | W010M | 702 GREY EAGLE CIRCLE SO. | COLO. SPGS. | CO 80919 | 260-1318 |
| BARBEAU | ARTHUR | W01HO | 702 PIONEER LANE | COLO. SPGS. | CO 80904 | 632-0946 |
| BATES | STEVE & CHRIS | W0WHD W0WHP | 6565 ZERMATT DR. | COLO. SPGS. | CO 80915 | 637-0884 |
| BAXTER | SHARAN & EMILY | | 5927 SPURWOOD DR. | COLO. SPGS. | CO 80918 | 598-3786 |
| BEATON | ARTHUR | W90FU | 150 DOLOMITE DR. | COLO. SPGS. | CO 80919 | 593-1719 |
| BEAUCHAMP, SR. | GEORGE | W00K | 1316 N. BENNETT AVE. | COLO. SPGS. | CO 80909 | 635-8758 |
| BELLAMY | WILLIAM & ELEANOR | W0WTV W0WBN | 2413 WARWICK LANE | COLO. SPGS. | CO 80909 | 591-2378 |
| BENTON | MALCOLM & PAMELA | KE9S W9AHA | 15365 DEBY DR. | COLO. SPGS. | CO 80921 | 488-2071 |
| BERSGESSON | HAL | W0WXY | 809 E. VERMILIO AVE. | COLO. SPGS. | CO 80903 | 471-0238 |
| BIRINYI | RENEE & STEVE | KA0RNM W0WMF | 3767 ADIRONDACK DR. | COLO. SPGS. | CO 80918 | 260-6747 |
| BOLLEN | RICHARD | W01ZM | 5650 SADDLE ROCK RD. | COLO. SPGS. | CO 80918 | 598-2802 |
| BORST | LES & JODY | K00MC KA0R0Z | 2542 E. BIJOU | COLO. SPGS. | CO 80909 | 634-3995 |
| BOYES | JEFF & RENAY | W01JH KA0R0Y | 1126 WOOTEN | COLO. SPGS. | CO 80915 | 591-6438 |
| BRANTLEY | DOLORES | | 18060 RED ROCKS DR. | MONUMENT | CO 80132 | 481-2140 |
| BREKSTON | THOMAS | W2TJO | 3915 CANTRELL DR. | COLO. SPGS. | CO 80911 | 390-9247 |
| BRENER | J. BARRY | W450TX | 1542 KEATON LN. | COLO. SPGS. | CO 80909 | 550-1726 |
| BROWER | JEFF | W01OL | 3800 MARTIN LN. | TWO RIVERS | WI 54241 | |
| BROWER | BOB | W0HJT | 19770 TOP O' THE MOON DR. | MONUMENT | CO 80132 | 488-0559 |
| BROWN | RICK | X00SU | 3249 SQUAM VALLEY DR. | COLO. SPGS. | CO 80918 | 531-9423 |
| BRUGER | PHILLIP C. | | 5640 SADDLEROCK RD. | COLO. SPGS. | CO 80918 | 528-8041 |
| BUCHIN | HARRY | W3TEB | 1907 E. VAN BUREN ST. #11 | COLO. SPGS. | CO 80909 | 634-1964 |
| BUCKNER | SPENCER | W00D | 8165 SUNNERSSET DR. APT. D | COLO. SPGS. | CO 80920 | 593-7610 |
| CALAWAY | RUSS & ROSIE | K00FMM W40MNL | 616 N. 31st ST. | COLO. SPGS. | CO 80904 | 471-9965 |
| CASELLA SR. | MICHAEL | K4G10D | 5027 WADDELL AVE. | COLO. SPGS. | CO 80915 | 574-8294 |
| CHANDON | CHARLES | W0CAM | 2823 W. HINTAH | COLO. SPGS. | CO 80904 | 632-8413 |
| CHAPMAN | JOHN | W0KIC | 604 E. FONTANERO ST. | COLO. SPGS. | CO 80907 | 635-1604 |
| CHATELAIN | DOM | KE0MC | 1470 LOFLIN RD. | COLO. SPGS. | CO 80930 | 683-2883 |
| CHILDRESS | HERB | X00RE | 99 RAVEN HILLS COURT | COLO. SPGS. | CO 80919 | 598-2346 |
| CLARK | GLENNON | W0ULE | 132 AMHERST ST. | SECURITY | CO 80911 | 392-7435 |
| CLARK | GEORGE | W00RZ | 2124 GLENHILL ROAD | COLO. SPGS. | CO 80906 | 576-8844 |
| COMPTON | ANTHONY JOE | W0KWK | P.O. BOX 1486 | LANAN | CO 81052 | |
| COOK | BARRY | W0W0S | 2758 N. ARCADIA ST. | COLO. SPGS. | CO 80907 | 634-8009 |
| COPMAN | DAVID | W475DO | 10280 SHILOH DR. | RENO | WY 89506(702) | 738-7800 |
| CORNELL | DOC | W0MCT | 721 LANSING DR. | COLO. SPGS. | CO 80909 | 596-4216 |
| COX | THOMAS & LAURIEA | W0W0VX W0W0XX | 4241 MARLO CIR. | COLO. SPGS. | CO 80916 | 597-9760 |
| CRAIG | AL | W21WZ | 3562 DUNBAR COURT | COLO. SPGS. | CO 80918 | 594-9288 |
| CRAMFORD | JOHN | K06H | 555 HIDDEN MARSH RD. | MONUMENT | CO 80132 | 481-3568 |
| CULLEN | RICHARD | W47H00 | P.O. BOX 7692 | COLO. SPGS. | CO 80933 | |
| CUNNINGHAM | JOHN | | 914 E. CINARRON | COLO. SPGS. | CO 80903 | 473-5707 |
| DAMM | JAMES | | 8184 BRIGANTIME | COLO. SPGS. | CO 80920 | 531-7133 |
| DAVIS | CHARLIE & KATH | W44D | 1275 WINDMILL AVE. | COLO. SPGS. | CO 80907 | 260-6305 |
| DEUTSCH | RON | W0KOP | 4305 RIDGE LANE DR. | COLO. SPGS. | CO 80918 | 593-8352 |
| DODD | F.A. | K00EPN | 1923 WOODBURN ST. | COLO. SPGS. | CO 80906 | 471-1883 |
| DONALDSON | RICK & JOANNE | W0WJI K00IRW | 5038 S. RAINDROP CR. | COLO. SPGS. | CO 80917 | 596-2713 |
| EINING | CHARLES | W0WYD | 3755 E. CRESTA LOMA CIR. | COLO. SPGS. | CO 80911 | 390-8655 |
| FARINA | GEORGE | K00EXK | 419 N. VAN BUREN ST. | COLO. SPGS. | CO 80907 | 471-2572 |
| FERNANDEZ | BENJAMIN | | 3706 SHEFFIELD LANE | COLO. SPGS. | CO 80907 | 592-0430 |
| FIELDS JR. | ROBERT A. | W0WYU | 18535 KNOLLWOOD BLVD. | MONUMENT | CO 80132 | 488-2237 |
| FLYNN | GLENN | W0W0V | 2 FRIENDSHIP LANE | COLO. SPGS. | CO 80904 | 635-1909 |
| FRAZER | TOM | W4W0W | 4540 SADDLE WOOD DR. | COLO. SPGS. | CO 80918 | 598-9496 |
| FREEDORN | ANDY | W0W0Z | 5222 BORREGO DR. | COLO. SPGS. | CO 80918 | 598-8323 |

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| FREEMAN | JOSEPH P. | | 4605 WOODSORREL CT. | COLO. SPGS. | CO 80917 | 596-8228 |
| FREEZE | CHAD | | 5102 GALLEY DR. SP. 313-B | COLO. SPGS. | CO 80915 | 597-7091 |
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| FRENCH | WILLIAM | W2SRD | R2 | COLO. SPGS. | CO 80808 | 683-2770 |
| FREYMUTH | G. RUSSELL | W0VWU | 2713 ANDROMEDA DR. | COLO. SPGS. | CO 80906 | 633-8186 |
| FUHS | DONALD | KEOCQ | 2 N. ELY ST. | COLO. SPGS. | CO 80911 | 392-0718 |
| GAIGE | MATTHEW | | 2504 BLAZEK LOOP | COLO. SPGS. | CO 80918 | 548-0262 |
| GALBRAITH | JOHN | K806HJ | 675 ROCK CREEK MESA RD. | COLO. SPGS. | CO 80926 | 576-1343 |
| GARDNER | BOALE & KAREN | M3EUA N1FED | 4390 DARR CIRCLE | BLACK FOREST | CO 80908 | 495-0091 |
| GEORGE | ANTHONY | K2NAH | 1049 KEITH DR. | COLO. SPGS. | CO 80916 | 591-2701 |
| GEORGE | SYLVIA | | 4965 EL CAMINO DR. #83 | COLO. SPGS. | CO 80918 | 599-7412 |
| GRAS | FRED | N7HMR | 247 E. CORPORATE DR. #1313 | LEWISVILLE | TX 75067 | 531-5130 |
| GRAY | KENNETH | W0FRQ | 2810 ORO BLANCO DR. | COLO. SPGS. | CO 80917 | 574-7318 |
| BROWN | CAROL JANE | | 18 EL SERNO DR. | COLO. SPGS. | CO 80906 | 473-3709 |
| HAGGART | BOB | W0CTV | 158 WIDEFIELD BLVD. | COLO. SPGS. | CO 80911 | 390-8911 |
| HANSEN | HARVEY | KCOTQ | 9011 MINNESOTA | SUN LAKES | AZ 85248(602) | 695-0221 |
| HANSEN | TROY | W0X1W | 1033 GARLOCK LANE | COLO. SPGS. | CO 80918 | 598-6464 |
| HANSZ | JERALD | KOCST | 7015 KIPLING ST. | COLO. SPGS. | CO 80911 | 390-4106 |
| HANSEN | FAYE | K80Q1 | 3018 W. KIOMA | COLO. SPGS. | CO 80904 | 632-4574 |
| HANSEN | RONALD | NNOV | 4360 BEGONIA TERR. | COLO. SPGS. | CO 80920 | 599-9467 |
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| JACOBS | JAKE | W0CYR | 104 OLD BROADMOOR RD. | COLO. SPGS. | CO 80906 | 528-6503 |
| JAMES | LONNY & DALEAN | N0KUU KAOTSA | 510 E. WASHINGTON | COLO. SPGS. | CO 80907 | 392-0131 |
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| KLUGER | LEO D. | W0RTH | 225 MAIN ST. | COLO. SPGS. | CO 80909 | 475-9159 |
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| LANDRUM | DARREN | | 2553 CARAMILLO | COLO. SPGS. | CO 80908 | 495-3983 |
| LAME | THOMAS C. | KAQVKM | P.O. BOX 24524 | COLO. SPGS. | CO 80918 | 531-5429 |
| LAFORA | ROGER | W0VNU | 3343 W. BIJOU | COLO. SPGS. | CO 80917 | 596-3720 |
| LEPLEY | BRUCE A. | K8OFEL | 3875 VALKYRIE WAY | COLO. SPGS. | CO 80908 | 594-9976 |
| LESLIE | WILLIAM | W0CSP | P.O. BOX 484 | COLO. SPGS. | CO 80831 | 495-4829 |
| LEWIS | WARNER | | 4461 DRUMMOND SOUTH | COLO. SPGS. | CO 80906 | 597-0825 |
| LIBENGOOD | BUD | W0DDF | 99 OLD BROADMOOR RD. | COLO. SPGS. | CO 80918 | 594-9339 |
| LOCKHART | WILLIAM | W0B0UM | 13125 HERRING RD. | COLO. SPGS. | CO 80909 | |
| LOFTIN | ORRIN | KEOHMC | 1590 DUBLIN BLVD. #223 | COLO. SPGS. | CO 80917 | |
| LOPEZ | RODNEY | KASDVQ | 5005 ARTISTIC CIRCLE | COLO. SPGS. | CO 80908 | |
| LUND | EDWARD | W0VNU | 6965 WILDRIDGE RD. | COLO. SPGS. | CO 80909 | |
| LaFOSSE | PETER | N0LA | 5750 N. MERIDIAN RD. | COLO. SPGS. | CO 80909 | |
| LaCATO | HARVEY | W1JU | 7913 COLORADO SPRINGS DR. | COLO. SPGS. | CO 80918 | |
| WARTMAN | JOSEPH | K8OS | 1214 AUBURN DR. | COLO. SPGS. | CO 80918 | |
| MARTIN | MICHAEL R. | | 3148 HAVERICK DR. | COLO. SPGS. | CO 80918 | |

| | | | | | | |
|---------------|-----------------|---------------|------------------------------|---------------|---------------|----------|
| MEANS | ED | WOVO | 212 FARRAGUT AVE. | COLD. SPBS. | CO 80909 | 473-6174 |
| METCALF | H.B. | NOGEC | 1058 FONTMORE RD. | COLD. SPBS. | CO 80904 | 471-0871 |
| MOLONEY | DOUG | WBOHNP | 3817 VAQUERO CIR. SO. | COLD. SPBS. | CO 80918 | 599-9605 |
| MORGAN | RON & MICKEY | NOMOJ KBGMA | P.O. BOX 9007 | DIVIDE | CO 80814 | 687-1800 |
| MURRAY | MARK J. | | 1610 LAURETTE DR. | COLD. SPBS. | CO 80907 | 574-4021 |
| McBRIDE | DONALD & CAROL | WA7VVA | 5102 GALLEY RD. #225A | COLD. SPBS. | CO 80915 | 574-5444 |
| McCARTY | JACK | WOCYS | 2610 E. BIJOU ST. | COLD. SPBS. | CO 80909 | 633-3479 |
| McCOY | ROBERT | | 650 DONALD RD. | COLD. SPBS. | CO 80930 | 683-2716 |
| McDANIEL | THOMAS | MONTX | 4255 SHINING WAY | COLD. SPBS. | CO 80916 | 570-1465 |
| McNALLY | FRANK & TODD | | 3713 DIXON WAY | COLD. SPBS. | CO 80909 | |
| D'CONNELL | W.T. | KB0BZX | 10960 HUNGATE RD. | COLD. SPBS. | CO 80908 | 495-4044 |
| OCHS | LARRY | KAOTAO | BOX 0 | SYRACUSE | KS 67878 | 384-7478 |
| OCHS | DENNIS | W7DBL | D rd. 1st. Dr. Bth. Int. | FT CARSON | CO 80913 | 579-4090 |
| ORANSKY | GORDON | | 2813 COUNTRY CLUB CR. | COLD. SPBS. | CO 80909 | 471-3399 |
| OTIS | STEVE | NONKR | 4540 PURCELL DR. | COLD. SPBS. | CO 80922 | 596-8004 |
| PARIS | DOUG & RAMONA | N4TGO | 18645 HIGH TREE DR. | ELBERT | CO 80106 | 495-4908 |
| PETTY | WILLIAM K. | MONJX | 2765 SIERRA DR. | COLD. SPBS. | CO 80917 | 591-2116 |
| PFEIFFER | RICHARD | KAQVWU | 2649 N. CHELTON RD. | COLD. SPBS. | CO 80809 | 473-5975 |
| PHILLIPS | KENNETH | | 4850 SANTIAGO WAY | COLD. SPBS. | CO 80917 | 574-6358 |
| PLINMER | LARRY | KB0JJT | 2631 W. PIKE'S PEAK AVE. | COLD. SPBS. | CO 80904 | 630-8247 |
| PRISK | JERRY | | 2230 GLENWOOD CIR. | COLD. SPBS. | CO 80909 | 574-3745 |
| PUXTY | WILLIAM | | 1404 TWEED ST. | COLD. SPBS. | CO 80909 | 633-2362 |
| RICHARDSON | MARK | NOEPF | 3803 DIXON WAY | COLD. SPBS. | CO 80909 | 596-6916 |
| RIESE | DAVID | WBOSOW | 419 REDWOOD DR | COLD. SPBS. | CO 80907 | 471-0743 |
| RISHAVY | KEVIN | W0RNT | 5033 BROADMOOR BLUFFS DR. | COLD. SPBS. | CO 80906 | 540-5677 |
| RIXMAN | DWIGHT | MOOPL | 5366 PINON VALLEY RD | COLD. SPBS. | CO 80919 | 599-7650 |
| ROHRIG | RALPH E. | | 7050 COOLIDGE | COLD. SPBS. | CO 80911 | |
| ROLL | LAWRENCE | WR2F | 2850 WOODLAND HILLS DR. #302 | COLD. SPBS. | CO 80918 | 598-2603 |
| ROLLEN | ROBERT | WB7NHT | 4846 HERNDON CIR. | COLD. SPBS. | CO 80920 | 282-0204 |
| ROSS | MARK | | 3357 QUEEN ANN WAY | COLD. SPBS. | CO 80917 | |
| ROTRANEL | TROY | | 2015 NIELSEN | COLD. SPBS. | CO 80906 | 579-6849 |
| SANCHEZ | D.J. | NGPMJ | 7015 HAZELWOOD LN. | COLD. SPBS. | CO 80918 | 260-1386 |
| SCHAARSCHWIDT | STEVE | KOCI | P.O. BOX 15351 | COLD. SPBS. | CO 80935 | 598-3554 |
| SCHUELE | CRAIG | WDOFJJ | 3710 CALICO CT. | COLD. SPBS. | CO 80918 | 393-1162 |
| SCHOENBERG | JON | WA2OHQ | 2027 BRISTLECOCKE DR. | COLD. SPBS. | CO 80919 | 531-7515 |
| SHANNON | GENE | KBODX | 2214 PRINCETON WAY | COLD. SPBS. | CO 80909(719) | 633-0680 |
| SHERIDEN | WAYNE | WDSCHP | 1426 BAYLOR DR. | COLD. SPBS. | CO 80909 | 596-2926 |
| SIGNORELLI | SHARON | | 905 ZODIAC DR. | COLD. SPBS. | CO 80906 | 632-2829 |
| SIMS | HARV | WBGYXD | 19740 FOUR WINDS WAY | MONUMENT | CO 80132 | 481-4597 |
| SMITH | CHRIS & SUSAN | WXOE KA7WNY | 12455 DONOVAN LN. | COLD. SPBS. | CO 80908 | 495-0624 |
| SONTAG | ALFRED | KAONIE | 2160 SHAMNEE CT. | COLD. SPBS. | CO 80915 | 591-0290 |
| SORRELLS | JIMMY & CAROLYN | WAWARR WBOBWI | 3200 BRIARCLIFF DR. | FINDLAY | OH 45840(419) | 422-1608 |
| STAFFORD | KIRBY | WAOTBJ | 4018 N. LORING CR. | COLD. SPBS. | CO 80909 | 596-3522 |
| STAFFORD | MAX | KDOEL | P.O. BOX 35 | PALMER LAKE | CO 80133 | 488-9289 |
| STANFILL | BILL | K4YCD | 105 SADDLE MOUNTAIN RD. | COLD. SPBS. | CO 80919 | 531-7738 |
| STANSBERRY | MIKE & LUCI | KOTER NOGUD | 2630 E. UINTAN | COLD. SPBS. | CO 80909 | 636-1290 |
| STAVISH | TOM | W3GRN | P.O. BOX 6326 | WOODLAND PARK | CO 80866 | 687-6279 |
| STEELE | DAVID | KFOQM | 5456 MOSQUITO PASS DR. | COLD. SPBS. | CO 80917 | 596-8007 |
| STEPHENS | WAYNE | W0RNV | 1110 HOLMES DR. | COLD. SPBS. | CO 80909 | 550-0938 |
| STIENHIER | RICHARD | KBOWX | 2750 PURGATORY DR. | COLD. SPBS. | CO 80918 | 593-1935 |
| STOCKTON | DAX | KORDL | 5102 GALLEY RD. #429AM | COLD. SPBS. | CO 80915 | |
| STOKES JR. | WILLIAM | | 3751 ADIRONDACK DR. | COLD. SPBS. | CO 80918 | 522-0739 |
| STREAMER | RALPH & CONNIE | KAOMTX KAOPXE | 1304 N. FOOTE AVE. | COLD. SPBS. | CO 80909 | 634-1081 |
| TAMMER | MINT | KAQYTK | 3308 CORBETT LN. | COLD. SPBS. | CO 80907 | 634-7563 |
| TARCZA | GREGORY A. | WA2ODD | 720 BRIDGER DRIVE | COLD. SPBS. | CO 80909 | 597-7064 |
| TESAR | ROBERT | W0RTH | 3390 CORTINA DR. | COLD. SPBS. | CO 80918 | 598-7591 |
| TILLEY | JOE | KOTAB | 6090 TWIN ROCK CT. | COLD. SPBS. | CO 80918 | 260-8026 |
| TILLOTSON JR. | BASCOM | KBORD | 1809 PEJM AVE. | COLD. SPBS. | CO 80904 | 473-0952 |
| TODD | DEREK | WA0ZTI | 8315 TILLER CT. | COLD. SPBS. | CO 80920 | 590-7082 |
| TOMS | CHESTER | W0RNP | P.O. BOX 101 | LAKE GEORGE | CO 80827 | 748-3321 |

(continued on page 12)

RAMPART HAM-VISION NETWORK

Amateur Radio fast-scan television has come to Colorado Springs! The Rampart HamVision Network is initiating an ATV repeater for standard fast-scan (National Standards Television Committee, NSTC) signals in the Pikes Peak region! All you need to do to receive the television sigs is to install a ham-type 450 MHz antenna and plug it into your "cable-ready" television or VCR. Cable channel 59 will receive ham ATV 433.25 MHz; cable channel 58 will receive ATV 426.25 MHz (AFC shift from 427.25 MHz) and cable channel 57 will receive ham ATV 421.25 MHz. All legal and FUN!!

The RHVN plans to transmit full color television signals to the region soon from repeaters on Cheyenne Mountain, and/or a site on the Rampart Range, overlooking most of Colorado Springs and eastern area. The Rampart HamVision Network needs supporters for the ATV repeater. Brave, intrepid, exploratory, and Adventuresome hams are needed to assist in establishing a viable ATV repeater for the region. Initially, the inputs are planned to be 923.25 MHz (cross-band) and one of the "in-band" 450 MHz freqs. Cross-band lets you look at your own signals for quality control!

The ATV repeater will be available to the National Weather Service, (for tornado warning, etc), the El Paso Search and Rescue, City parades, and other activities. School demonstrations may be handled, also. Rampart HamVision Network will attempt to interconnect with the Denver-based "Western Vision Network", which is very active with much success in public service. Please see Oak, K0ROL, or call him at 570-7782 for details.

submitted by Oak —K0ROL

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OPERATING EVENTS

Nov, 2-4, ARRL November Sweepstakes, CW
(Details in Oct QST)

Nov 16-17, ARRL November Sweepstakes, Phone
(Oct QST)

Nov 23-24, CQ World Wide DX Contest, CW
(Details Sep 91, CQ or Oct 91 QST)

Dec 6-8 ARRL 160-Meter Contest (Nov QST for
details)

Dec 14-15, ARRL 10-Meter Contest (Nov QST
for details)

The Sweepstakes and 10-Meter contest are especially good for novice and technician operators to get started in HF contesting. They are an excellent chance to work some new states and countries with relative ease. The October 1990 QST has a great article on Sweepstakes for the beginner.

submitted by KD0SU

QUARTER CENTURY WIRELESS ASSOCIATION

KD0SU

The QCWA is an ham organization for those operators who were licensed over 25 years ago. You need not have been licensed the entire time. If you are interested in joining, please contact one of the following:

K4YCD, Bill 531-7738
W0MCT, Doc 596-4216
KD0SU, Rick 531-9423

You could also join us for an informal gathering at Gunther Toody's, 3952 N. Academy Blvd on Wednesday mornings at 0630. We try to meet every week and we can usually be found on 146.52 simplex on our way there. Actually, we would be happy to have any ham come and join us on the way to work.

submitted by KD0SU

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TRAINER- \$100.00
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CUSHCRAFT A449-11 440MHZ, 11-ELE-
MENT BEAM 13dB- \$50.00
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CONTACT: MALCOLM BENTON KE9S
PH# 488-2071

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OCT 17 EXAM SESSION RESULTS

by Chris Smith NX0E

On the 17th of October the PPRAA novice/technician class held a VE test session, resulting in many new licensees and upgrades. Conducting the exams were VEs Bill Stanfill K4YCD, Chris Smith NX0E, Al Bailey AD0Z, Joe Marciano KQ0S, and Pete La Fosse N0LA.

One extra class license was earned by George Lewis N0HXL, who completed the 20 wpm code element.

Val Viers N0NJZ upgraded to general from technician, while Francis Mc Nally earned his general from scratch.

The technician license exam was passed by John Kovar, Donald Meier, Robert Crawford, Richard Janoka, Matthew Gaige, Jerry and Jenine Visage, James Ott, Jerry Prisk, and William Stokes.

Earning their Novice ticket were grandfather and grandsons Andrew Juhasz Jr and Andrew Juhasz IV. Let's hope the FCC can handle that! Joining them were Todd Mc Nally, Benjamin Fernandez, Dolores Brantley, Chad Freeze, Gary Harris, Sylvia Gongora, James Damm and John Cunningham.

Thirty two examinees were tested in a three and 1/2 hour session, with 23 upgrading or getting their first licenses, and one receiving exam element credit. As traditionally done, new licensees are offered a free initial membership in PPRAA.

Committee Chairpersons, etc.

| | | |
|-----------------|-----------------------|------------|
| Publicity: | Al Craig N2IWZ | 594-9288 |
| Membership: | Les Borst KC0NC | 834-3995 |
| Education: | Allen Bailey AD0Z | 597-8514 |
| VE Testing: | | |
| Main Contact: | Chris Smith NX0E | 495-0624 |
| ARRL Liason: | Bill Stanfill K4YCD | 531-7738 |
| Interference: | Lauren Libby KX0O | 593-9861 |
| RACES: | Doug Moloney WB0MHP | (unlisted) |
| ARES: | John Chapman N0KIC | 835-1804 |
| SKYWARN: | Steve Westby WB7VHR | 570-1070 |
| Public Service: | Mike Slansberry K0TER | 636-1290 |
| CCARC: | Oak Stockton K0ROL | 570-7782 |
| Club Trailer: | Steve Westby WB7VHR | 570-1070 |
| Q-BEAT: | Ron Dautsch NK0P | 593-8352 |

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(from page 8)

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| VAN HOUTAM | ROY | KEODW | 1618 KODIAK DR. | COLO. SP6S. | CD 80910 | 635-4009 |
| VAN ZANT | FRANK | KL718A | 2424 VIRGO DR. | COLO. SP6S. | CD 80906 | 632-7630 |
| VEIRS | VAL | N0NJZ | 1823 WOOD CT. | COLO. SP6S. | CD 80907 | 475-2471 |
| VISAGE | JERRY & JENINE | | P.O. BOX 62596 | COLO. SP6S. | CD 80952 | 592-4571 |
| YROOMAN | ALLEN & FRANCES | N0CMN N0IUT | 1341 DIANA LN. | COLO. SP6S. | CD 80909 | 473-1660 |
| WALLACE | LEE | W6GIZI | 1820 SEVEN ARROW DR. | COLO. SP6S. | CD 80915 | |
| WARNOCK | MATT & SHARON | KC4KGS N0MRA | 5175 PINON VALLEY RD. | COLO. SP6S. | CD 80919 | 531-6609 |
| WESTBY | STEVEN | NB7VHR | 1540 KEITH DR. | COLO. SP6S. | CD 80916 | 570-1070 |
| WILLOUGHBY | BOB | KA2CAE | 5180 FARMINGDALE | COLO. SP6S. | CD 80917 | 570-9707 |
| WILSON | DAVID | W0ZHZ | 7256 WHITLEY DR. | COLO. SP6S. | CD 80920 | 599-3819 |
| WOLFE | CLARENCE | W0FPQ | 6750 DALE RD. | COLO. SP6S. | CD 80913 | 591-0184 |
| WOODRUFF | CARL | K0MVB | 2405 PASEO RD. | COLO. SP6S. | CD 80907 | 634-8372 |
| WRIGHT | HAROLD | | 1015 TIMBER VALLEY RD. | COLO. SP6S. | CD 80919 | 593-2042 |
| ZECCHILLA | TOMY | | P.O. BOX 868 | CASCADE | CD 80809 | |
| ZIMMERMAN | WILL | N0HRD | 3106 HUDSON ST. | COLO. SP6S. | CD 80910 | 471-8527 |
| ZIMMERMAN | JIM | K0UNS | 4411 EDWINSTONE | COLO. SP6S. | CD 80907 | 599-3119 |

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